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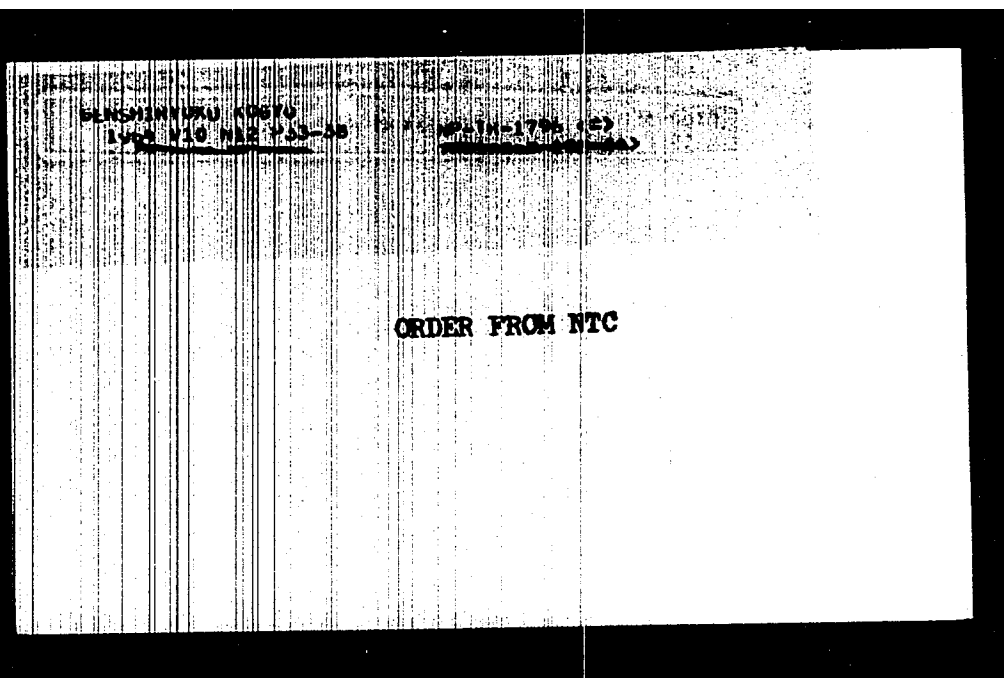
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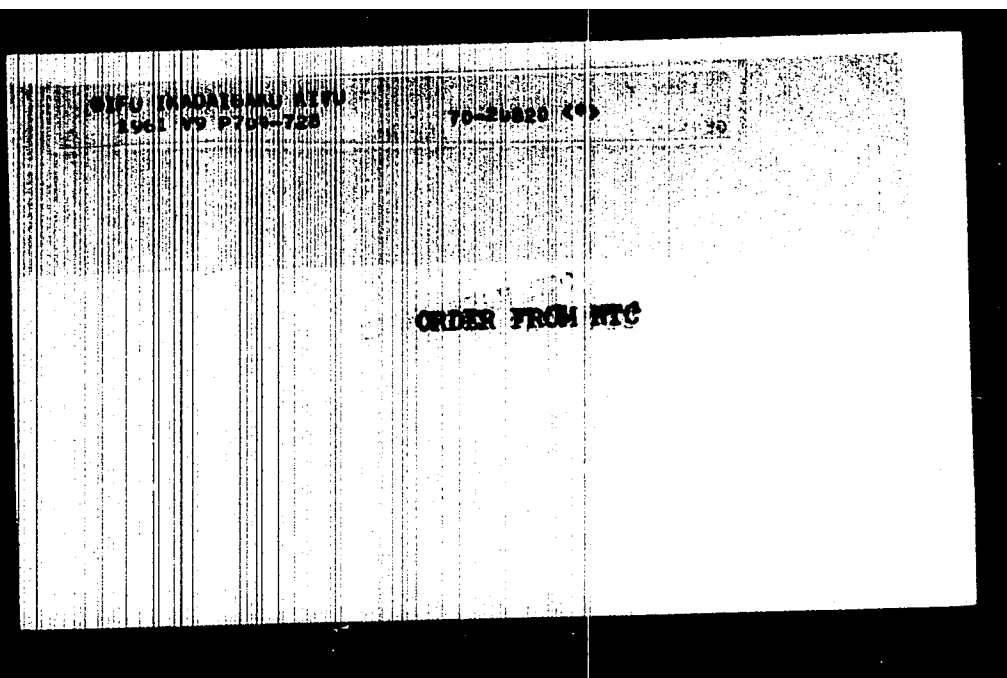
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NEW PROCESS OF PREPARING MAGNETIC POWDER
FOR SOUND RECORDING TAPE. [1961] 7p. 5 refs.
Order from SLA \$1.10 61-10357

Trans. of N H K Gijutsu Kenkyu (Japan) 1959]
v. 11, no. 5, p. 303-305.

DESCRIPTORS: *Magnetite, *Powders, Preparation,
Magnetic properties, *Magnetic tape, Magnetic
recording systems, Recording systems, Materials.

The process consists in preparing acicular magnetite
in which ferrous oxalate is thermally decomposed and
the resulting unstable ferrous oxide is reacted, in the
absence of air, directly with acicular iron oxide
mixed with it, so as to obtain acicular magnetite. The
reaction used to be carried out in hydrogen or in
vacuum state, but ammonia is easier to handle and
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Order from SLA \$5.60

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DESCRIPTORS: *Video signals, *Transmission,
Television equipment, Pictures, Reproduction.

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Order from SLA \$9.60

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DESCRIPTORS: *Color television.; *Video signals.
Noise (Radio). Visibility. Tests. Signal-to-noise
ratio. Frequency. Television transmitters.
Television.

Includes:

Appendix 1. The effect of the gamma correction on the
constant luminance principle.
Appendix 2. The amplitude and phase of subcarrier.

Theoretical and experimental studies were made of the
effect of the white noise on the NTSC and the modified
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FB - Japanese
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Observations of Fish-Shoals From an Aeroplane, by
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ULTRASOUND, tr. by Grace Y. Beard. 1959 [15]p.
(22 figs. omitted) 5 refs.
Order from OTS or SLA \$1.60

60-19855

Trans. of [Gyosen Kenkyu Giho] (Japan) 1958, no. 12,
p. 99-114.

DESCRIPTORS: *Aquatic animals, Noise, *Underwater
sound, *Ultrasonics, Ultrasonic radiation, Production.

Experiments in a water tank showed that shellfish
(common shield clam, short-necked clam) and crusta-
ceans (spiny lobsters, crabs), produce ultrasonic
sounds when they crawl on sand and rocks, or move
their antenna and claws, or when shellfish respire.
Hermit crab, serpula and tomaya-gai (Cardita
cumingiana) that live on beach rocks are a noticeable
(Physics--Acoustics, TT, v. 8, no. 2) (over)

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Washington, D. C.

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COMPARISON BETWEEN SURVEY MAP BY 14.5 KC.
FISH-FINDER AND THAT BY 200 KC. FISH-FINDER
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Order from OTS or SLA \$1.10

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DESCRIPTORS: *Echo ranging, *Fishes, *Fisheries,
Detection, *Underwater object locators, Maps.

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